

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SINGLE-ENDED DIFFERENTIAL CIRCUIT USING COMPLEMENTARY DEVICES

the specification of which (check one)

is attached hereto
 was filed on 01/22/2002 as Application Serial No. 10/051,290 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or (f) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

| NUMBER | COUNTRY | MONTH/DAY/YEAR FILED | PRIORITY CLAIMED |
|-----------------|---------|----------------------|------------------|
| 10-2001-0003277 | Korea | 01/19/2001 | Yes |
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I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| APPLICATION SERIAL NUMBER | FILING DATE | STATUS: PATENTED, PENDING, ABANDONED |
|---------------------------|-------------|--------------------------------------|
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I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: David L. Tarnoff, Reg. No. 32,383; Yoshio Miyagawa, Reg. No. 43,393; Patrick A. Hilsmier Reg. No. 46,034; Todd Guise Reg. No. 46,748.

Send all correspondence to: SHINJYU GLOBAL IP COUNSELORS, LLP, 1233 Twentieth Street, NW, Suite 700, Washington, DC 20036. Address all telephone communications to David L. Tarnoff at (202)-293-0444.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

March 27, 2002

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| Full Name of First or Sole Inventor: Bonkee KIM | Signature of First or Sole Inventor  | Date: |
| Residence Address: 723-1, Pungdeokcheon-ri, Suji-eup, Yongin-Si, Kyeongki-Do, 449-846 Korea | Country of Citizenship: Korea | |
| Post Office Address: Same as above | | |

Signatures should confirm to names as typewritten. Additional inventors on the attached Page 2.

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|--|---|-------------------------|
| Full Name of Second Inventor: Ilku NAM | Signature of Second Inventor <i>Nam Ilku</i> | Date: March 27, 2002 |
| Residence Address: Siyoung Apt. 61-dong 305, Chamsil 4-Dong, Songpa-Ku, Seoul, 138-794 Korea | Country of Citizenship: Korea | |
| Post Office Address: Same as above | | |

| | | |
|--|---|-------------------------|
| Full Name of Third Inventor: Kwyro LEE | Signature of Third Inventor <i>Kwyro Lee</i> | Date: March 27, 2002 |
| Residence Address: 811-1101, 8 dangi, Yeolmaemaeul Apartment 520/1, Noeun-dong, Yuseong-gu, Daejon, 305-325 Korea | Country of Citizenship: Korea | |
| Post Office Address: Same as above | | |

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